

Nilfisk GM 80CR Cleanroom Vacuum



8001 Rue Larrey, Anjou, QC, Canada, H1J 2L4
514-273-4331 • info@capt-air.com • www.capt-air.com



The portable GM 80CR is specifically designed and packaged for use in cleanrooms. Through its unique four-stage filtration system, the GM 80CR safely collects and retains fine dust and powders. It comes equipped with an ULPA exhaust filter (captures 99.999% of ultra fine particles, down to and including 0.12 microns) and is able to meet cleanroom standards up to and including Class 10 (ISO 4). The GM 80CR's motor is interference suppressed so it will not affect electronic equipment in cleanrooms.

- In the first stage of separation, a 2.25-gallon capacity disposable paper bag captures the bulk of collected debris.
- Extra-large main filter ensures a steady, even airflow which extends filter life and eliminates premature clogging.
- The microfilter, a final step in pre-filtration, protects the motor and acts as a barrier to even bacteria-size particles.
- Motor thermal protection device prevents overheating caused by failure to keep filters clean or by accidental blockage in a nozzle or hose.
- Conductive plastic hose provides ESD protection.
- The wheeled trolley adds mobility. Glides over all surfaces.
- Positive twist safety latches offer security by preventing the container from opening if the vacuum is dropped.
- The vacuum cleaner and accessories are packaged in cleanroom compatible polyethylene bags to prevent contamination from packing materials during shipping.



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Specifications

Data	Units	GM 80CR
Motor type, grounded		GMPJ
Voltage @ 60Hz	volts	110-120/220
Power	watts	1100
Current Draw	amps	10/5
Waterlift, max	inches of H2O	84
Airflow, max	cfm	80
Main Filter Area	sq. ft.	2.26
Main Filter Efficiency		99.8% @ 3 microns
ULPA Exhaust Filter Efficiency		99.999% @ 0.12 microns
Paper Bag Capacity	gallons	2.25
Tank Capacity	gallons	3.25
Dimension (l x w x h)	inches	14 x 12 x 16
Weight	pounds	11
Cord Length	feet	30
Sound Level @ 6' 6"	dB(A)	59

*specifications are subject to change without notice



Standard Accessories

- Curved stainless steel tube
- Conductive 3" round brush
- Two straight stainless steel wands
- Conductive crevice nozzle
- Detachable trolley
- Paper bags
- 5" utility tool
- 10' conductive plastic hose
- 12" floor nozzle



Nilfisk-Advance America, Inc., 740 Hemlock Road, Suite 100, Morgantown, PA 19543

Tel: 800.645.3475 • www.NilfiskIndustrialVacuums.com • Questions@nilfisk.com